UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/580,765	05/26/2006	Hassane Essafi	BDL-498XX	8329

207   7590   12/08/2009
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EXAMINER
ZIA, SYED

ART UNIT	PAPER NUMBER
2431	

MAIL DATE	DELIVERY MODE
12/08/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *26 May 2006*.
2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.
3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-18* is/are pending in the application.
    4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5)☐ Claim(s) _____ is/are allowed.
6)☒ Claim(s) *1-6 and 10-15* is/are rejected.
7)☒ Claim(s) *7-9 and 16-18* is/are objected to.
8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.
10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.
    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    a)☐ All   b)☐ Some * c)☐ None of:
        1.☐ Certified copies of the priority documents have been received.
        2.☐ Certified copies of the priority documents have been received in Application No. _____.
        3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)
2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3)☒ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.
4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .
5)☐ Notice of Informal Patent Application
6)☐ Other: _____ .

DETAILED ACTION

This office action is in response to application filed on May 26, 2006. Claims 1-18 are

pending.

Allowable Subject Matter

Claim 7-9, and 16-18 are objected to as being dependent upon a rejected base claim, but

would be allowable if rewritten in independent form including all of the limitations of the base

claim and any intervening claims.

Claim Objections

Claims 2-18 are objected to because of the following informalities: Typing error. "An

interception system" should be "The system of intercepting". Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on
sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-6, and 10-15 are rejected under 35 U.S.C. 102(b) as being anticipated by

Cunningham et al. (EP 0 986 229 A2).

1.   Regarding Claim 1, Cunningham teach and describe a system of intercepting multimedia

documents disseminated from a first network, the system being characterized in that it comprises

a module for intercepting and processing packets of information each including an identification

header and a data body, the packet interception and processing module comprising first means

for intercepting packets disseminated from the first network, means for analyzing the headers of

packets in order to determine whether a packet under analysis forms part of a connection that has

already been set up, means for processing packets recognized as forming part of a connection

that has already been set up to determine the identifier of each received packet and to access a

storage container where the data present in each received packet is saved, and means for creating

an automaton for processing the received packet belonging to a new connection if the packet

header analyzer means show that a packet under analysis constitutes a request for a new

connection, the means for creating an automaton comprise in particular means for creating a new

storage container for containing the resources needed for storing and managing the data

produced by the means for processing packets associated with the new connection, a triplet

comprising <identifier, connection state flag, storage container being created and being

associated with each connection by said means for creating an automaton, and in that it further

comprises means for analyzing the content of data stored in the containers, for recognizing the

protocol used from a set of standard protocols such as in particular http, SMTP, FTP, POP,

IMAP, TELNET, P2P, for analyzing the content transported by the protocol, and for

reconstituting the intercepted documents (Fig.7, [0050-0054]).

7.   Claims 2-6, and 10-15 are rejected applied as above rejecting Claim 1. Furthermore,

Cunningham teach and describe a system and method for traceability of multimedia content,

wherein

        As per Claim 2, characterized in that the analyzer means and the processor means

comprise a first table for setting up a connection and containing for each connection being set up

an identifier "connectionId" and a flag "connectionState", and a second table for identifying

containers and containing, for each connection that has already been set up, an identifier

"connectionId" and a reference "containerRef" identifying the container dedicated to storing the

data extracted from the frames of the connection having the identifier "connectionId" ([0024-

0028]) .

        As per Claim 3, characterized in that the flag "connectionState" of the first table for

setting up connections can take three possible values depending on whether the detected packet

corresponds to a connection request made by a client, to a response made by a server, or to a

confirmation made by the client ([0038-0042]).

        As per Claim 4, characterized in that the first packet interception means, the packet

header analyzer means, the automaton creator means, the packet processor means, and the means

for analyzing the content of data stored in the containers operate in independent and

asynchronous manner ([0030-0035]).

As per Claim 5, characterized in that it further comprises a first module for storing the content of documents intercepted by the module for intercepting and processing packets, and a second module for storing information relating to at least the sender and the destination of intercepted documents ([0050-0052]).

As per Claim 6, characterized in that it further comprises a module for storing information relating to the components that result from detecting the content of intercepted documents ([0050-0054]).

As per Claim 10, characterized in that it is interposed between a first network of the LAN type and a second network of the LAN type ([0047-0047]).

As per Claim 11, characterized in that it is interposed between a first network of the Internet type and a second network of the Internet type ([0047-0047]).

As per Claim 12, characterized in that it is interposed between a first network of the LAN type and a second network of the Internet type ([0047-0047]).

As per Claim 13 characterized in that it is interposed between a first network of the Internet type and a second network of the LAN type ([0047-0047]).

As per Claim 14, characterized in that it further comprises a generator for generating requests from sensitive documents to be protected, in order to inject requests into the first network ([0047-0047]).

As per Claim 15, characterized in that the request generator comprises: means for producing requests from sensitive documents under surveillance; means for storing the requests produced; means for mining the first network with the help of at least one search engine using the previously stored requests; means for storing the references of suspect files coming from the

first network; and means for sweeping up suspect files referenced in the means for storing

references and for sweeping up files from the neighborhood, if any, of the suspect files ([0030-

0037]).

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to SYED ZIA whose telephone number is (571)272-3798. The

examiner can normally be reached on 9:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Ayaz Sheikh can be reached on 571-272-3795. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

SZ
November 30, 2009
/Syed Zia/
Primary Examiner, Art Unit 2431